

CCA GCA ACC AAT GAT GCC CGT T-TAMRA-3'
 CA GCA ACC AAT GAT GCC CGT T-TAMRA-3'

CCA GCA AGC ACT GAT GCC TGT T-TAMRA-3'
 CA GCA AGC ACT GAT GCC TGT T-TAMRA-3'

Fig. 1A

100
90
80
70
60
50
40
30
20
10
0

	Fluorescent Dyes	
	Absorbance Maxima	Emission Maxima
Fluorescein	494nm	525nm
Tetrachloro fluorescein	521nm	536nm
TAMRA	565nm	580nm

Fig. 1B

Cleaved Fragments:

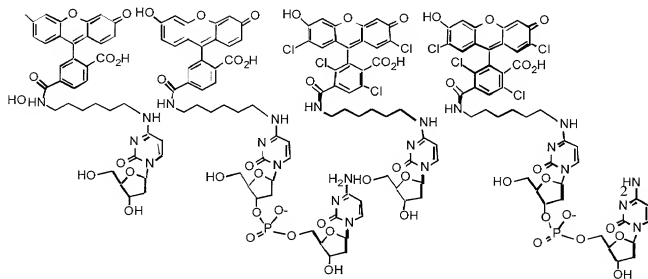


Fig. 1C

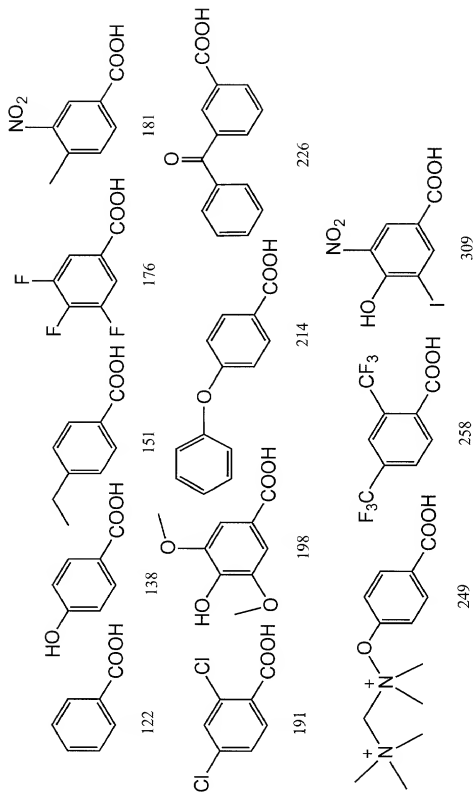


Fig. 2

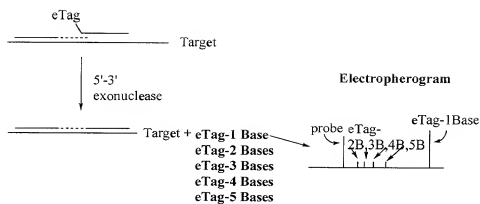


Fig. 3A

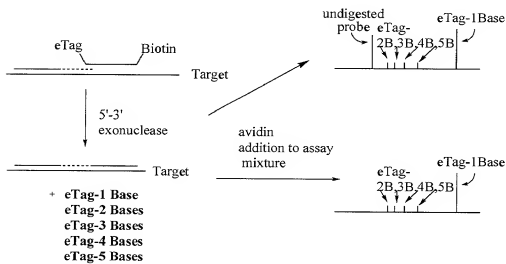


Fig. 3B

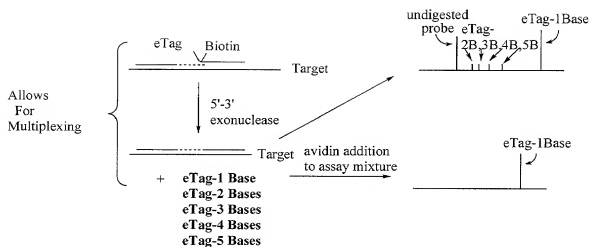


Fig. 3C

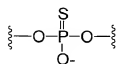


Fig. 3D

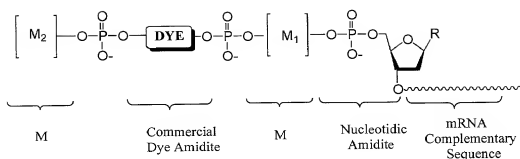


Fig. 4

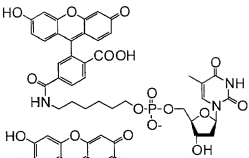
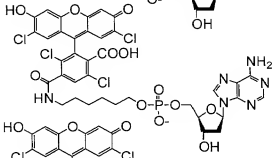
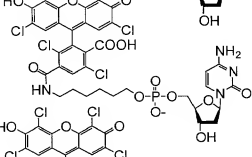
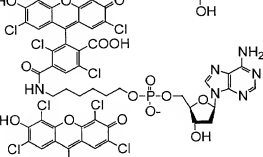
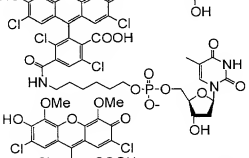
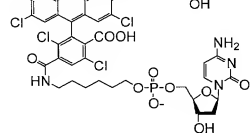
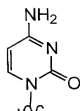
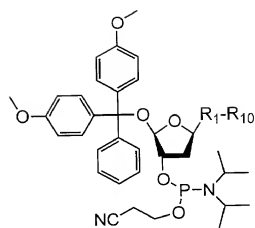
<u>e-tag Reporter</u>	<u>Elution Time on CE, min</u>	<u>Mass</u>
	6.4	778
	7.1	925
	7.3	901
	7.7	994
	8.0	985
	9.25	961

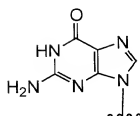
Fig. 5

e-tag Reporter	Charge	Elution Time, min
	-8	12.1*
	-9	12.7
	-8	12.8
	-7	13.1
	-6	13.0
	-6	13.4
	-5	12.8*
	-5	13.2*
	-5	14.8
	-6	17.3
	-5	17.0
	-4	15.2*
	-4	16.5

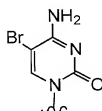
Fig. 6



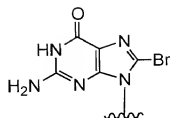
227



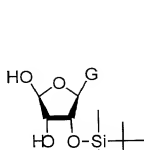
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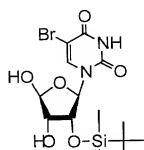
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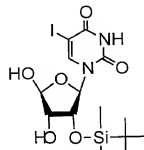
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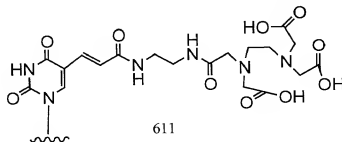
396



436



484



611

Fig. 7

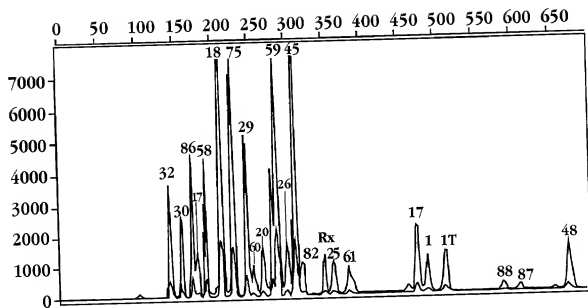


Fig. 8

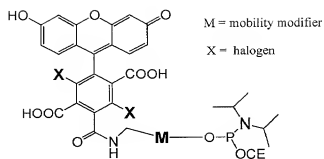
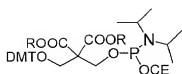


Fig. 9

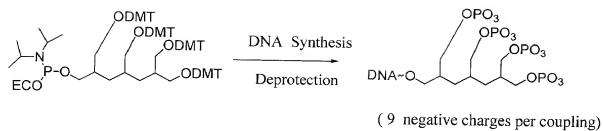


Fig. 10

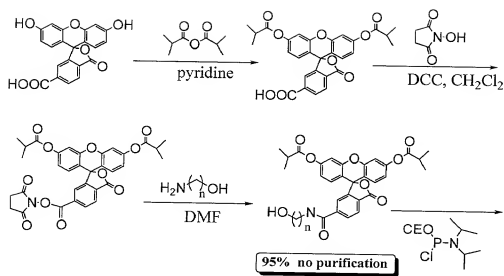


Fig. 11

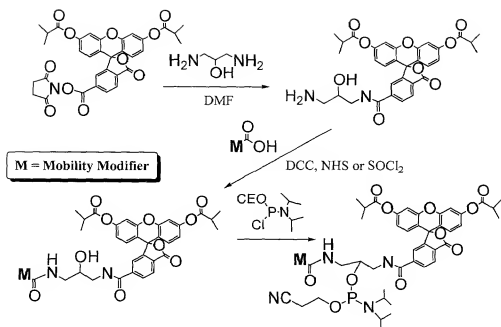


Fig. 12

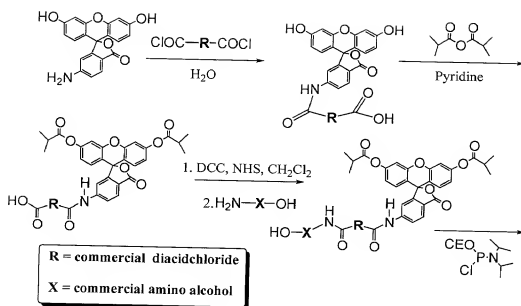


Fig. 13

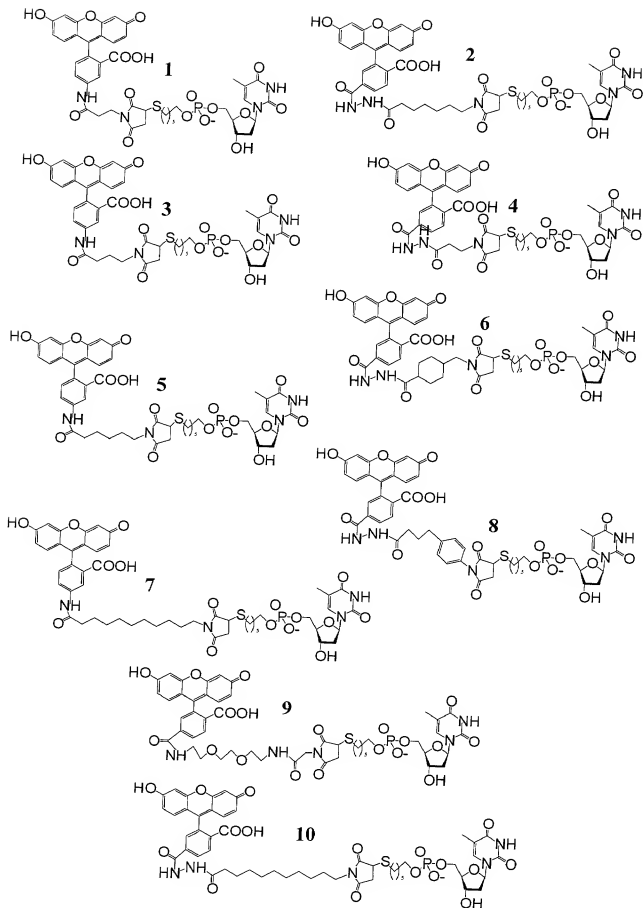


Fig. 15

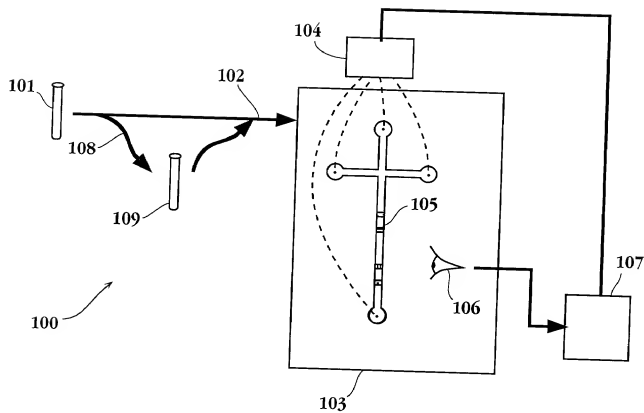


Fig. 16

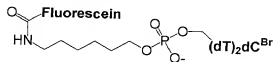
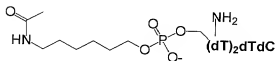
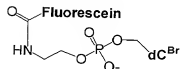
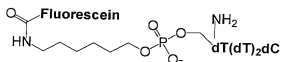
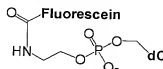
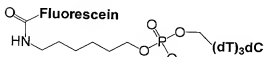
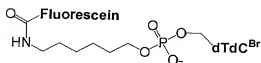
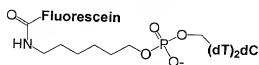
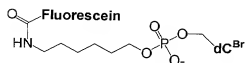
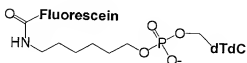
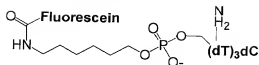
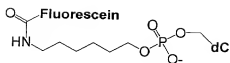


Fig. 17A

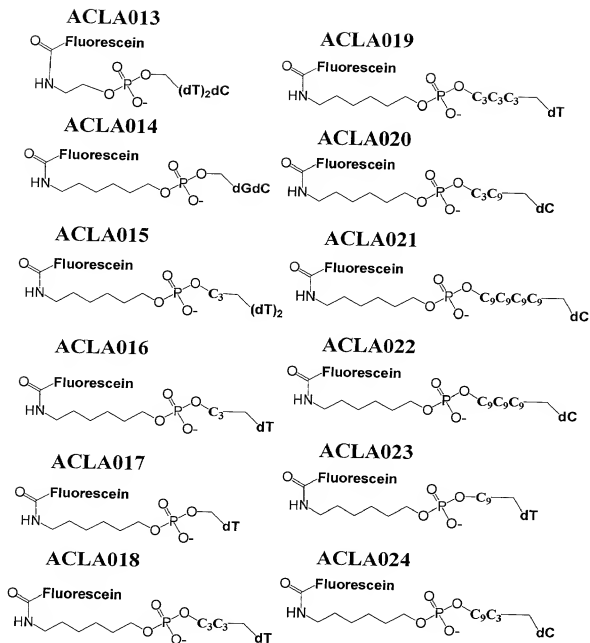
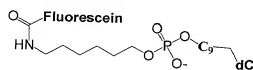
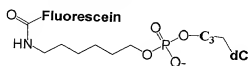


Fig. 17B

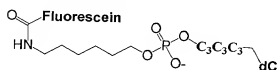
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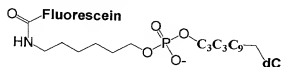
ACLA026



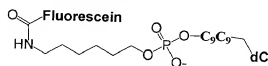
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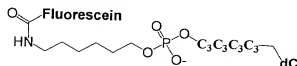
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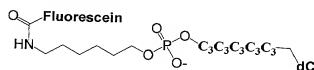
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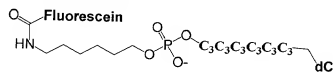
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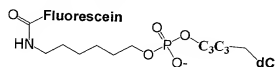
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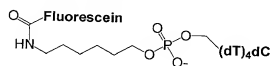
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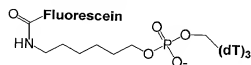
ACLA033



ACLA034



ACLA035



ACLA036

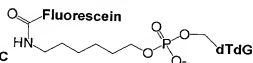


Fig. 17C

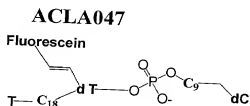
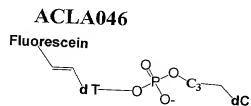
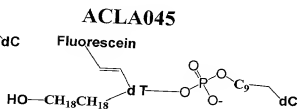
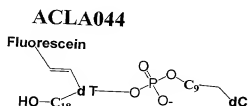
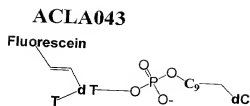
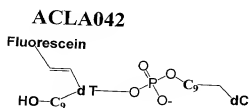
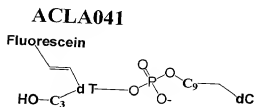
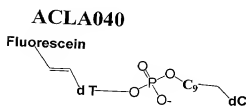
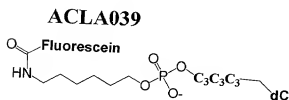
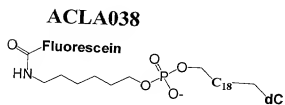
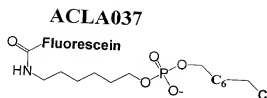


Fig. 17D

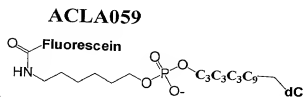
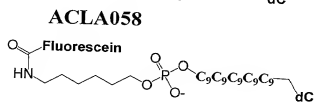
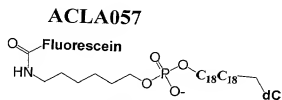
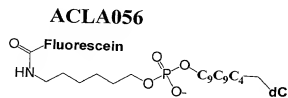
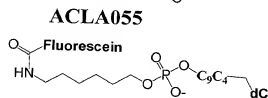
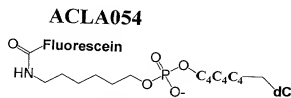
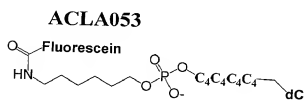
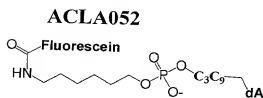
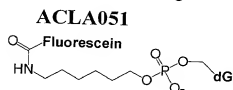
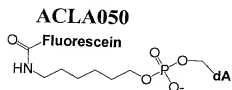
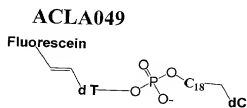
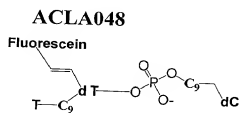
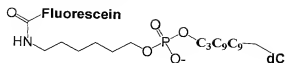
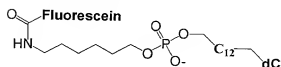


Fig. 17E

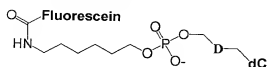
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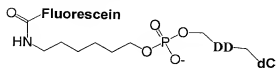
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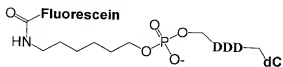
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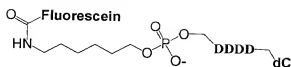
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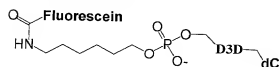
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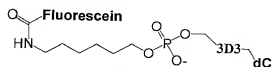
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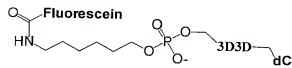
ACLA066



ACLA067



ACLA068



ACLA069

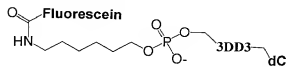


Fig. 17F

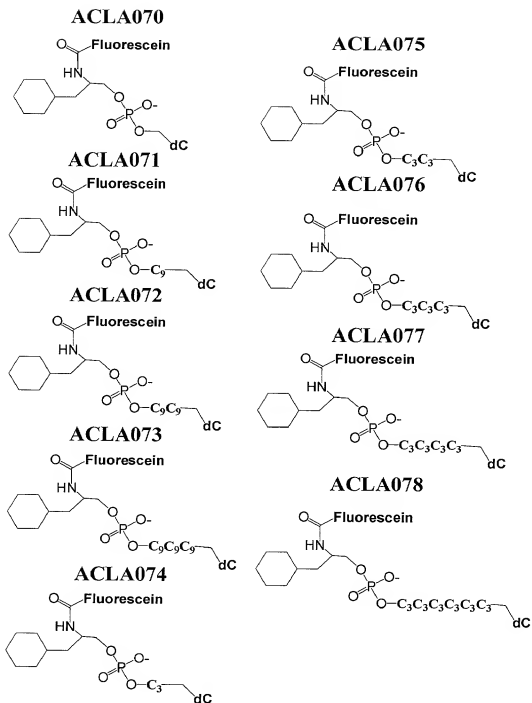


Fig. 17G

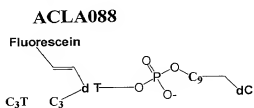
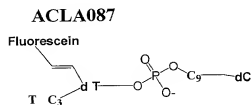
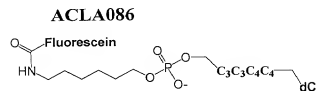
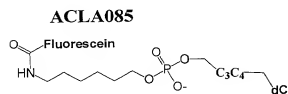
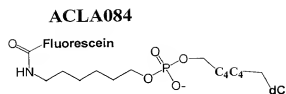
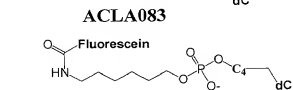
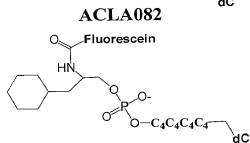
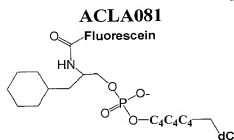
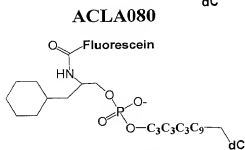
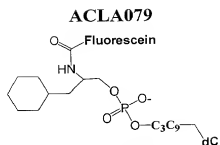


Fig. 17H

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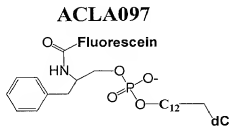
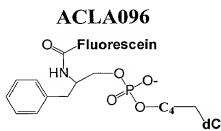
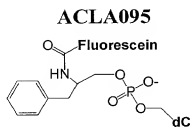
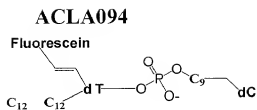
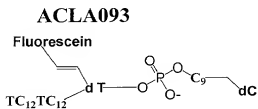
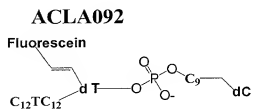
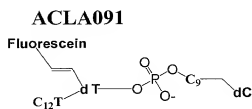
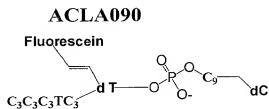
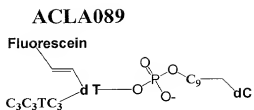


Fig. 17I

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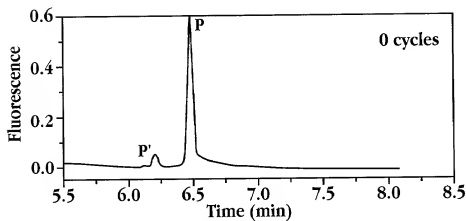


Fig. 18A

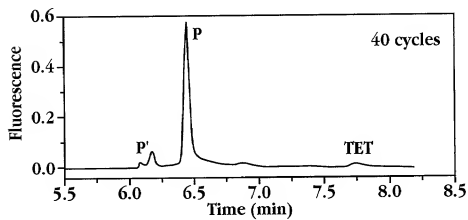


Fig. 18B

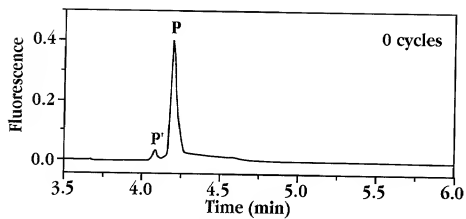


Fig. 19A

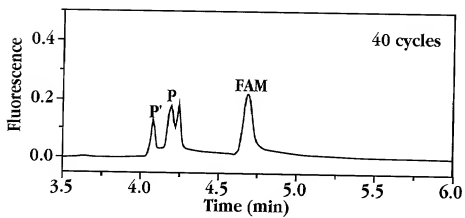


Fig. 19B

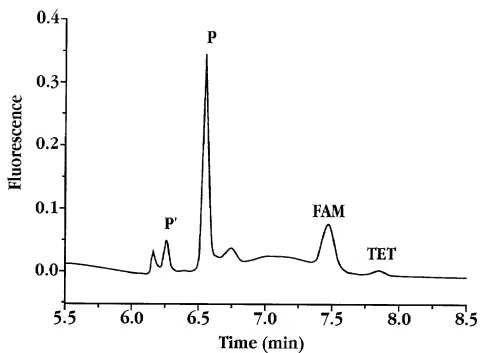


Fig. 20

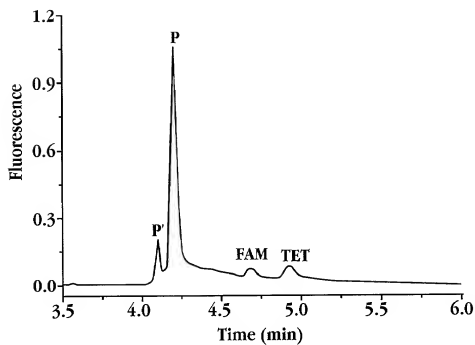


Fig. 21

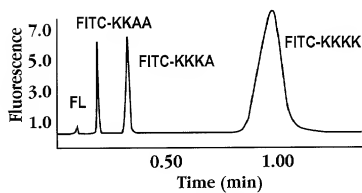


Fig. 22

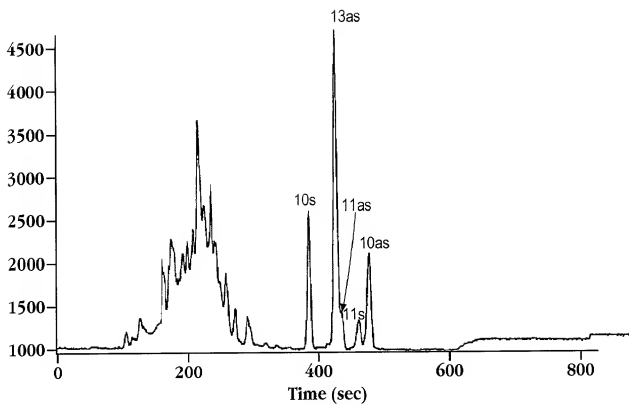


Fig. 23A

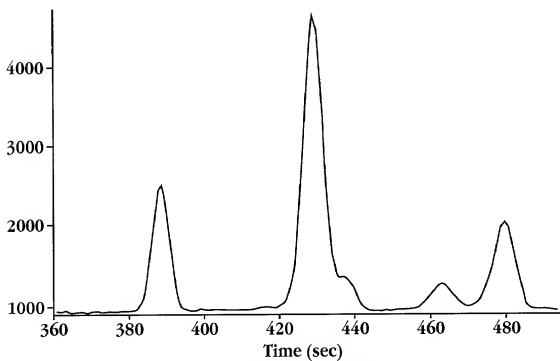


Fig. 23B

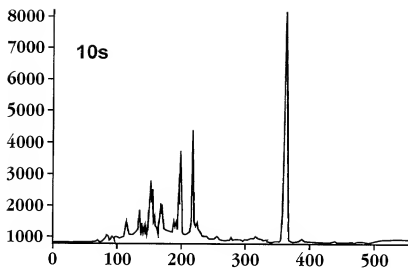


Fig. 23C

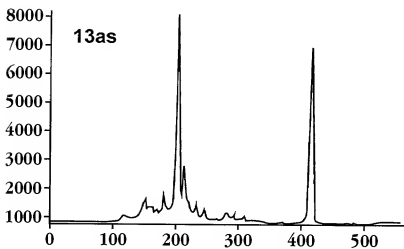


Fig. 23D

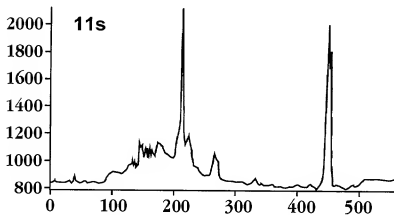


Fig. 23E

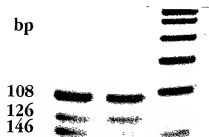


Fig. 23F

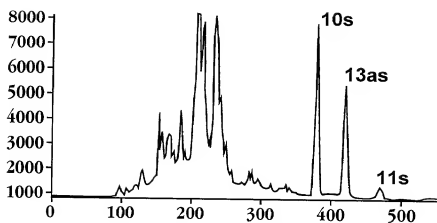


Fig. 23G

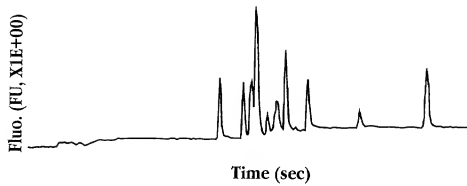


Fig. 24

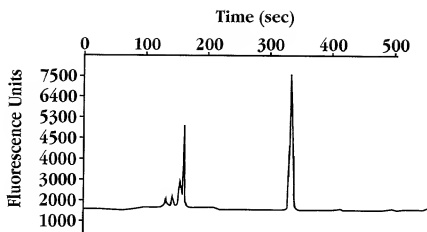


Fig. 25A

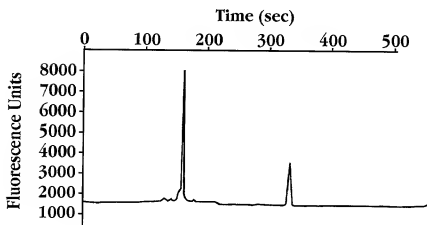


Fig. 25B

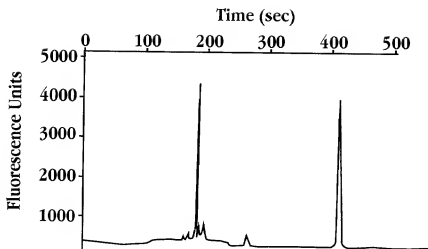


Fig. 25C

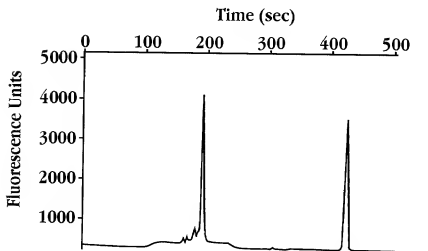


Fig. 25D

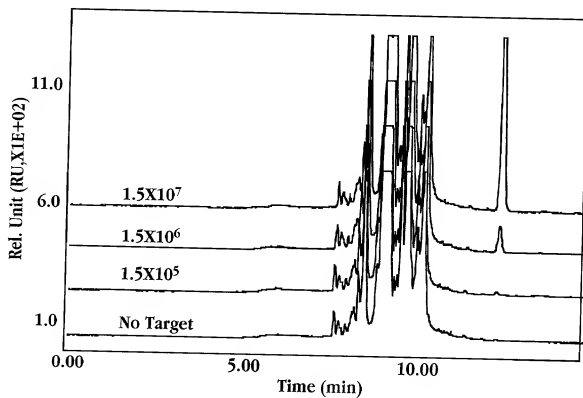


Fig. 26

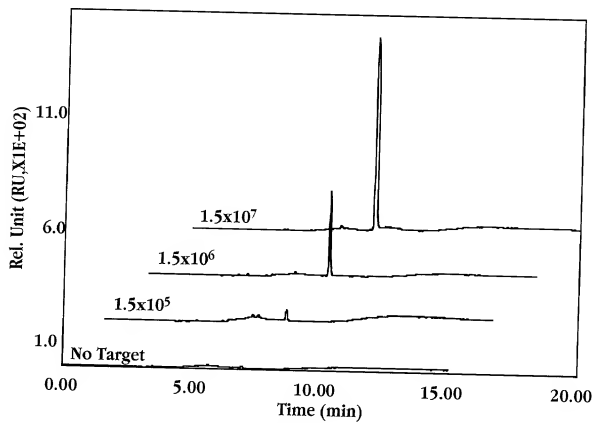


Fig. 27

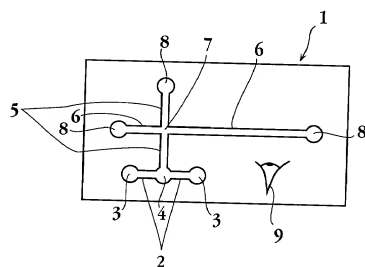


Fig. 28A

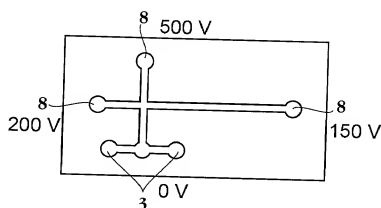


Fig. 28B

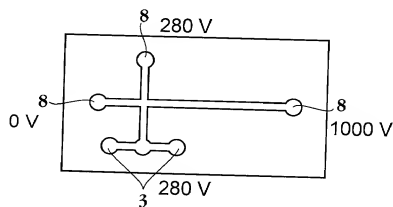


Fig. 28C

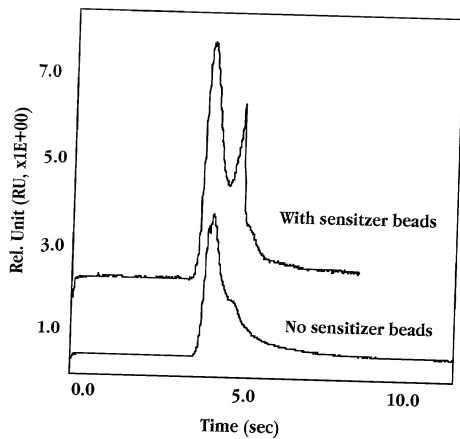


Fig. 29

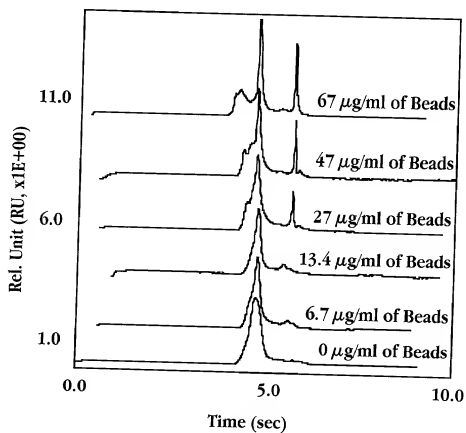


Fig. 30

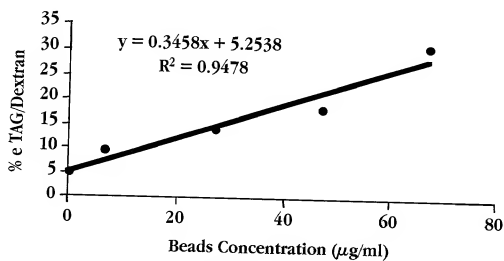


Fig. 31

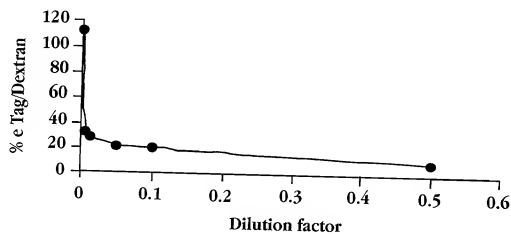


Fig. 32

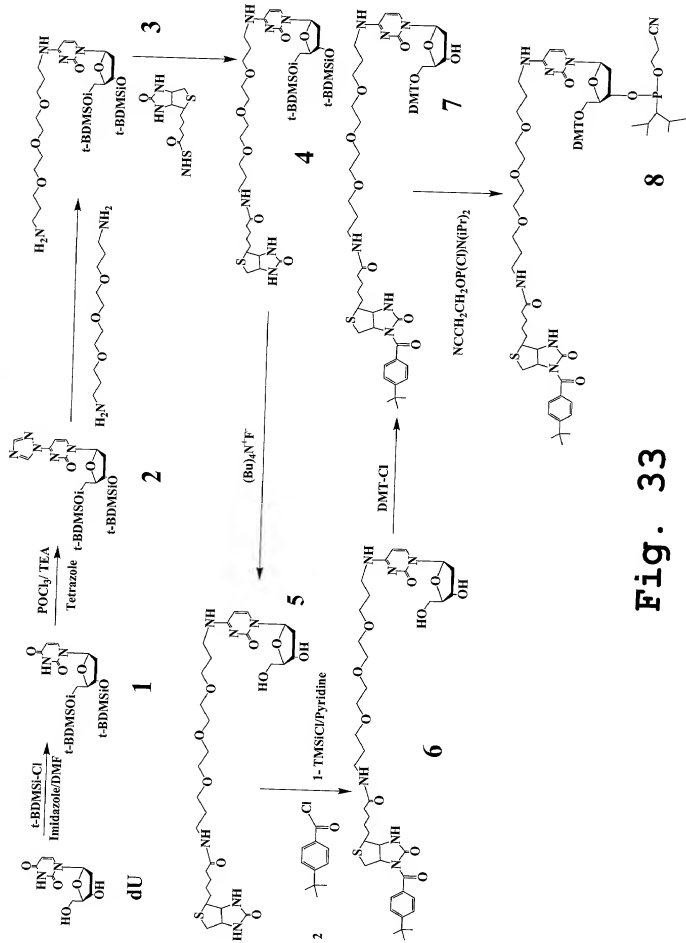


Fig. 33

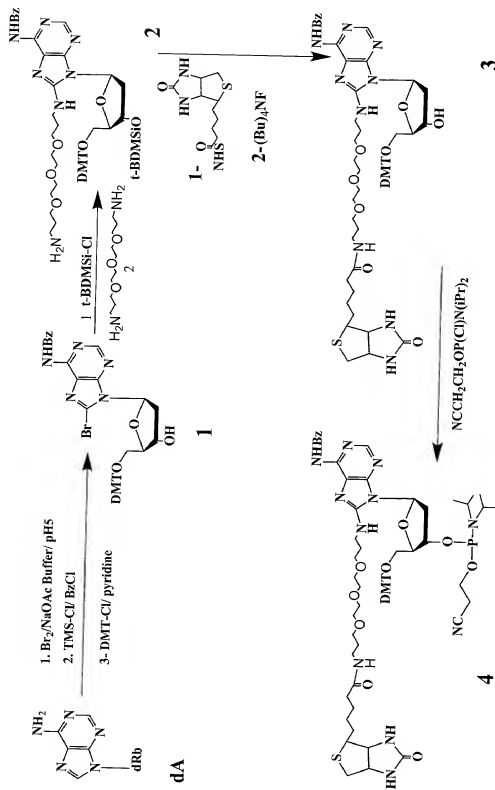


Fig. 34